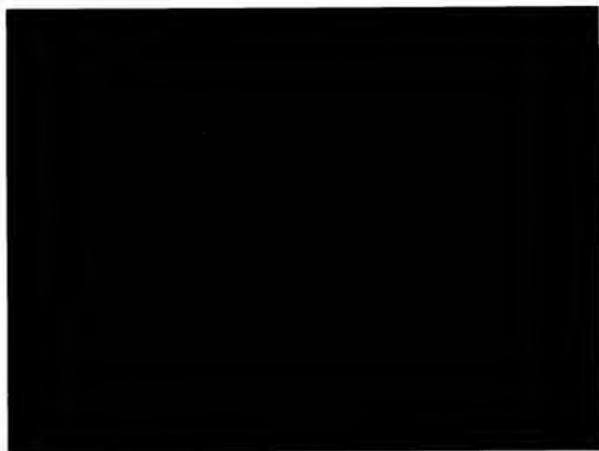
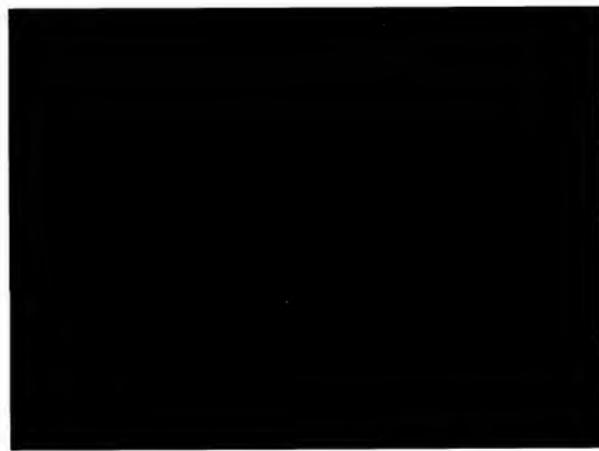


Figure 1



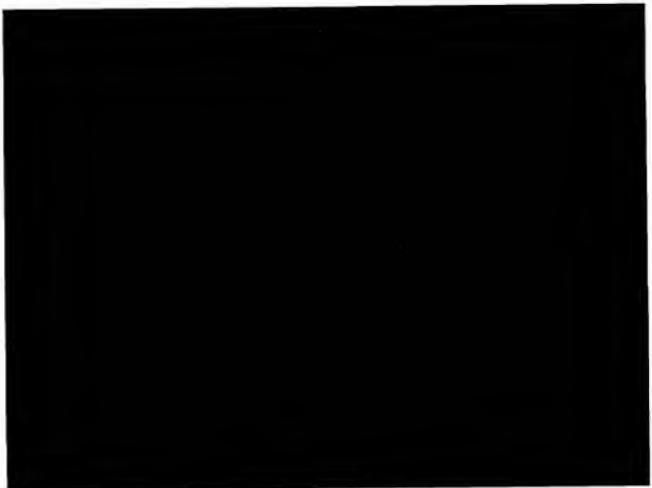
U937 control PDE5

Figure 2



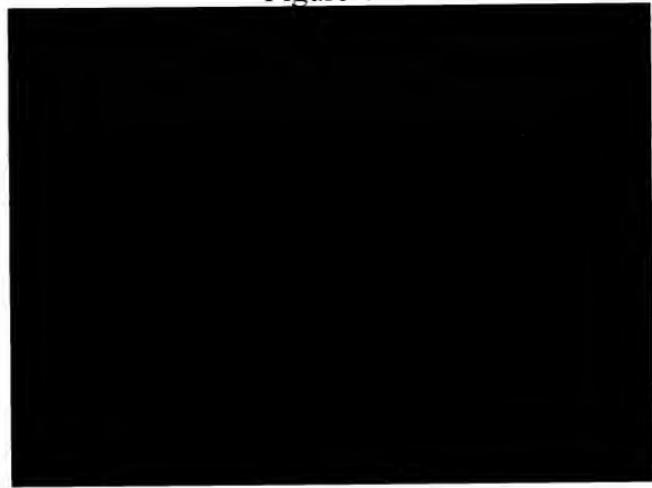
U937 5nm TPA 24hrs PDE5

Figure 3



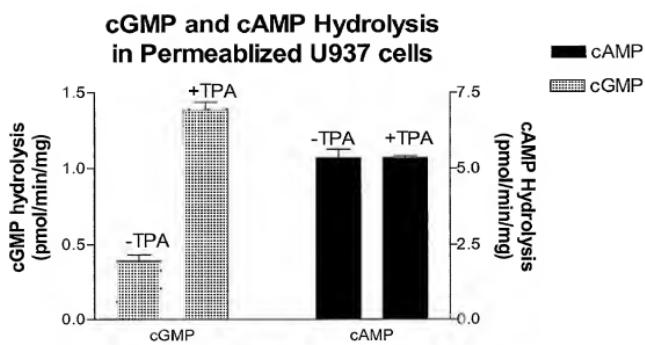
U937 Control PDE2

Figure 4



U937 TPA 5nM 24hrs PDE2

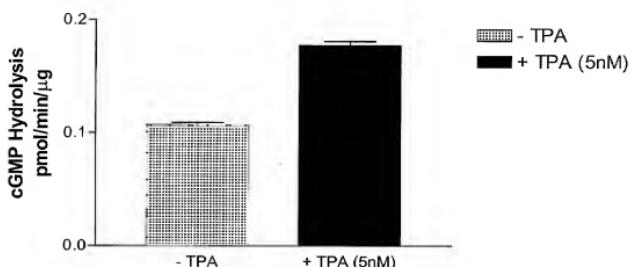
Figure 5



cGMP and cAMP Hydrolysis in Permeabilized U937 Cells

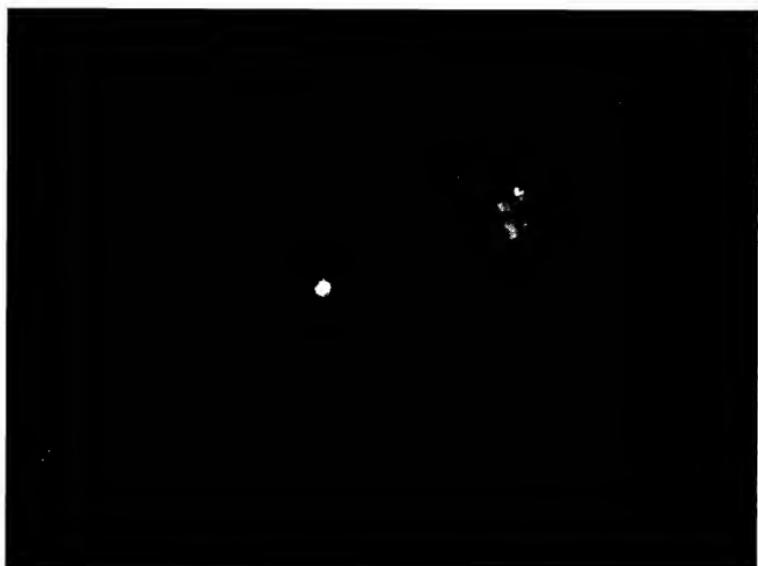
Figure 6

cGMP Hydrolysis in U937 Cell Lysates



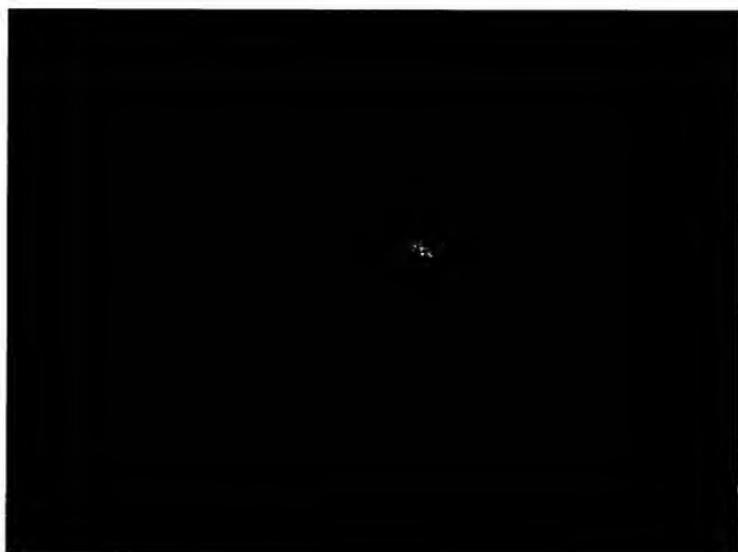
cGMP Hydrolysis in U937 Cell Lysates

Figure 7



U937 cells treated with 1 μ M compound 38. Apoptotic cells with active caspase 3 label red. Nuclear DNA label blue with DAPI.

Figure 8



Untreated U937 control cells. Apoptotic cells with active caspase 3 label red. Nuclear DNA label blue with DAPI

Figure 9



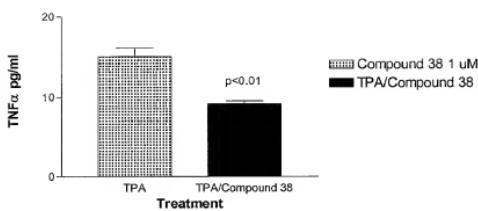
U937 cells treated with 0.5uM Rolipram. Apoptotic cells with active caspase 3 label red
Nuclear DNA label blue with DAPI

Figure 10



U937 cells treated with 0.3nM Sildenafil. Apoptotic cells with active caspase 3 label red. Nuclear DNA label blue with DAPI.

Figure 11



TNF α media levels from U937 cells with or without compound 38 treatment.

Figure 12

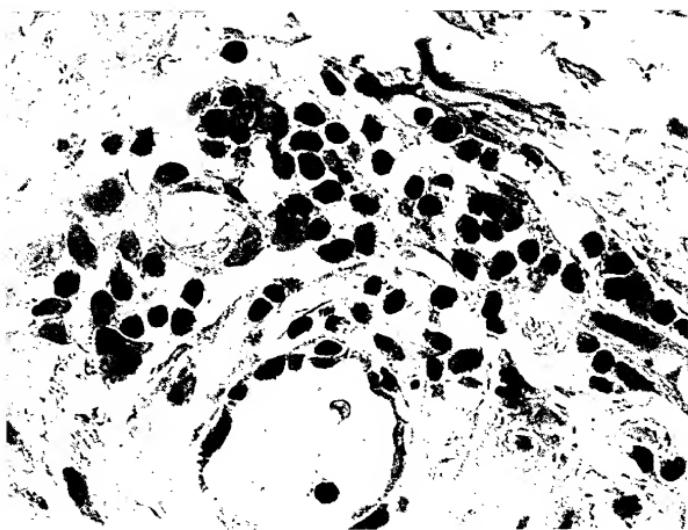


Figure 13

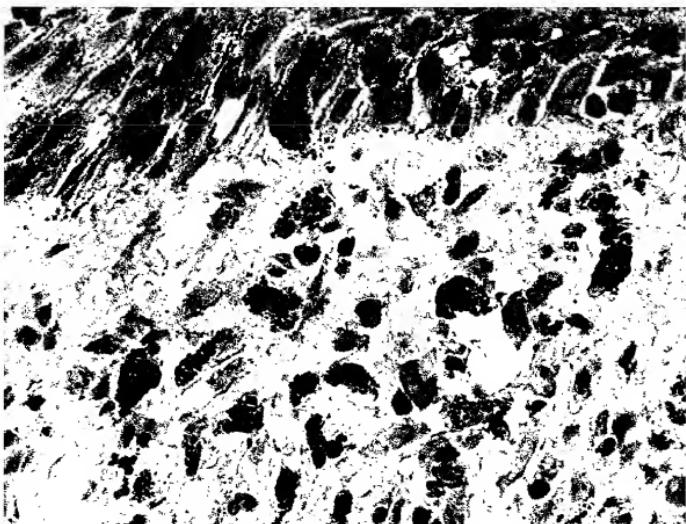


Figure 14

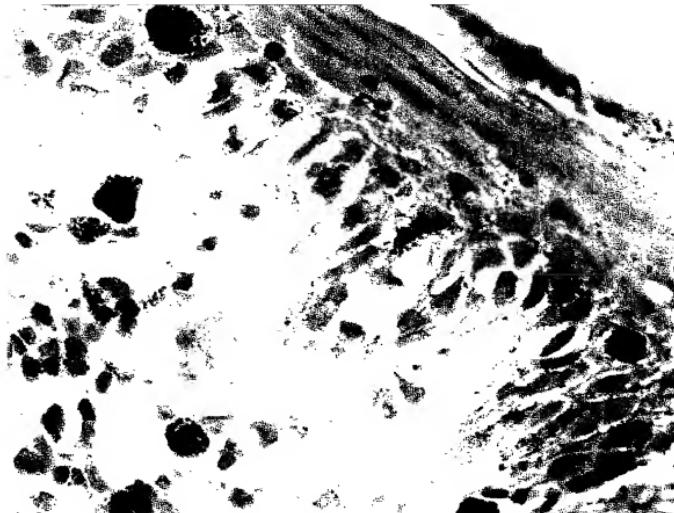


Figure 15